

## WHAT IS CLAIMED IS:

SUB  
A17  
1. ~~A method for establishing the validity of a display created by a general purpose creation device, said method comprising the steps of:~~

~~placing in said device media upon which information may be created, said media having preestablished thereon data which is unique to said media;~~

5 ~~communicating at least a portion of said preestablished data to a location independent from said device, said independent location operable to create on said media a security indicia, said security indicia created in part by information contained in said preestablished media data and whereby said security indicia is validatable at a subsequent time partially under control of data contained in said preestablished media data.~~

2. ~~The method of claim 1 wherein said media is paper, and wherein said device is a general purpose printer.~~

3. ~~The method of claim 2 wherein said paper is divided into sections, each section adapted for printing thereon information pertaining to a different function, each such function having associated therewith a security indicia.~~

4. ~~The method of claim 3 wherein at least one portion of at least one of said sections contains means for allowing at least that section to become disassociated from the other sections.~~

5. ~~The method of claim 4 wherein said disassociated section contains means for attaching said section to an object.~~

6. The method of claim 5 wherein said object is luggage and wherein the material printed on said section includes destination information of said luggage corresponding to destination information printed on at least one other section of said media.

7. The method of claim 5 wherein said attaching means includes a sticky surface selectively exposable by a user of said section.

8. The method of claim 1 wherein created source of ones of said security indicia is validated by key information contained in at least a portion of said preestablished data.

9. The method of claim 7 wherein said key information is contained in a machine readable portion of said preestablished data.

10. Ticket stock for creating thereon human perceivable images, said stock having at least one data source unique to said stock;

wherein said unique data source includes human readable data for communicating to a third party; and

5 wherein said stock is adapted to accept human readable display material from a remote location, said display material means authenticated under partial control of at least a portion of said unique source data.

11. The stock of claim 10 having separable portions pre-established thereon.

12. The stock of claim 11 wherein different portions of a receipt are printed on selected ones of said portions.

13. The stock of claim 12 wherein at least one of said portions has adhesive on at least a portion thereof.

14. The stock of claim 13 wherein said adhesive is controllably and selectively exposed.

15. The method of displaying on a medium a control indicia, said control indicia operable at the point of commercial use of said media for validating the authenticity of said commercial transaction; said method comprising the steps of:

communicating unique data from the location of said media to a location remote therefrom, said communication being a part of a commercial transaction such that the media will subsequently become the passport to the actual obtaining of commercial services associated with said commercial transaction; and

communicating data from said remote location to said media location, a certain a portion of said data for human readable display in conjunction with said media and a portion of said data being a coded control indicia, said control indicia based at least in part on said communicated unique information.

16. The method of claim 15 further including the step of decoding the control indicia using a portion of said unique data from said display location thereby validating the human readable portion of said display data.

17. The method of claim 15 wherein said media is a printable medium having said unique data preprinted thereon.

18. A system for creating an indicia of value for use at a point of commercial transaction to allow for authentication by a gatekeeper at such transaction point, such authentication verifying that the indicia, which was printed on printable stock by a non-secure printer is, in fact, authentic, said system comprising:

5 means for accepting from a potential user data unique to a particular piece of said printable stock;

a data base;

means for comparing said accepted data with data stored in said database to determine if said unique data had been previously accepted; and

10 means operable under control of said comparing means for providing a set of coded control data for printing on said printable stock, said control data being decodable, in part, under control of key data associated on said printable stock with said unique data.

19. The invention set forth in claim 18 wherein said unique data includes a machine readable portion and a human readable portion.

15 20. The invention set forth in claim 19 wherein said human readable portion is the unique data accepted by said accepting means.

21. The invention set forth in claim 19 wherein said key data is included within said machine readable portion.

22. The invention set forth in claim 18 wherein said data base is common to a plurality of physically diverse accepting means.

23. The invention set forth in claim 18 wherein at least a portion of said unique data is embedded within the printable stock.

24. The invention set forth in claim 23 wherein said embedded data includes a watermark.

25. The invention set forth in claim 18 further including:  
means for printing on said printable stock information having a commercial value indicative that the bearer of said printed stock is entitled to a particular good or service.

26. The invention set forth in claim 25 wherein said good or service is the passage via public transportation.

27. The invention set forth in claim 25 wherein said good or service is the passage into an event.

28. The invention set forth in claim 18 further including:  
means for printing on said printable stock information having a commercial value indicative that the printed stock is entitled to be treated as commercial paper having the value printed thereon.

29. The method of creating at a purchaser's location a receipt indicative of a prior transaction between the purchaser and a seller of service, said receipt having self proving capability, said method comprising the steps of:

communicating to said seller data which is unique to the material upon which the receipt is to be generated;

said seller verifying satisfaction with said unique data;

5 said seller communicating to said purchaser display data for associating with said display material, said display material operable at said purchaser's location for creating said receipt; said seller transmitted display data including at least one machine decodable portion, the key to said decodable portion contained within at least a portion of data which is unique to said receipt material.

30. The method of claim 29 wherein said unique data is preassociated with said receipt material.

31. The method of claim 29 wherein said unique data is printed on said receipt material, and contains both a human readable portion and a machine readable portion.

32. The method of claim 29 wherein said receipt material is stock printable from a printer located at the purchaser's location.

33. The method of claim 32 wherein said unique data is established on said printable stock prior to said communication with said seller.

34. The method of claim 33 wherein said stock has multiportions and wherein said method is operable for printing different data on selected portions of said stock.

35. The method of claim 34 wherein at least one of said portions is a luggage ticket and another of said portions is a boarding pass.

36. The method of claim 29 wherein said verifying step includes checking to insure that the unique data is not a duplicate.

37. The method of claim 32 wherein said checking step is local to said seller.

38. The method of claim 32 wherein said checking step is remote to said seller and shared between a plurality of other sellers all having the possibility of communication access with said purchaser from time to time.

39. The method of claim 29 wherein said purchaser may have communication access to a plurality of sellers, each seller having the capability of sending different display data.

40. The method of claim 29 wherein said verifying step includes accessing a data base common to all of said sellers.

41. The method of claim 29 further including the step of:  
transmitting from the seller to a transaction data base data pertaining to the transaction which is the subject of said receipt.

42. The method of claim 29 further including the steps of:  
presenting said receipt to a gatekeeper at a transaction location; and  
said gatekeeper verifying the authenticity of said receipt under control of data which is unique to said receipt.

43. The method of claim 42 wherein said gatekeeper verification step includes the step of:  
obtaining said key from said unique data.

44. The method of authenticating data on a transaction receipt, said method comprising the steps of:  
presenting said receipt to a gatekeeper; and  
said gatekeeper authenticating said receipt by decoding a portion of data contained on said receipt under control of a decode key contained within data unique to said receipt.

45. The method of claim 44 wherein said decode key is machine readable.

46. The method of claim 45 wherein said machine readable key is preprinted on said receipt prior to the printing thereon of said receipt data.

47. The method of claim 44 wherein said authenticating step includes the step of determining if this receipt is expected within the presentation parameters.



48. The system of creating a purchaser's location a receipt indicative of a prior transaction between the purchaser and a seller of service, said receipt having self proving capability, said system comprising:

means for communicating to said seller data which is unique to the material upon which the receipt is to be generated;

means associated with said seller for verifying satisfaction with said unique data and for said seller communicating to said purchaser display data for associating with said display material, said display material operable at said purchaser's location for creating said receipt; said seller transmitted display data including at least one machine decodable portion, the key to said decodable portion contained within at least a portion of data which is unique to said receipt material.

49. The system of claim 48 wherein said unique data is preassociated with said receipt material.

50. The system of claim 49 wherein said unique data is printed on said receipt material, and contains both a human readable portion and a machine readable portion.

51. The system of claim 49 wherein said receipt material is stock printable from a printer located at the purchaser's location.

52. The system of claim 48 wherein said unique data is established on said printable stock prior to said communication with said seller.

53. The system of claim 48 wherein said verifying means includes means for checking to insure that the unique data is not a duplicate.

54. The system of claim 53 wherein said checking means is local to said seller.

55. The system of claim 53 wherein said checking means is remote to said seller and shared between a plurality of other sellers all having the possibility of communication access with said purchaser from time to time.

56. The system of claim 48 wherein said purchaser may have communication access to a plurality of sellers, each seller having the capability of sending different display data.

57. The system of claim 48 wherein said verifying means includes means for accessing a data base common to all of said sellers.

58. The system of claim 48 further including:  
means for transmitting from the seller to a transaction data base data pertaining to the transaction which is the subject of said receipt.

59. The system of claim 48 further including:  
presenting said receipt to a gatekeeper at a transaction location; said gatekeeper enabling means for verifying the authenticity of said receipt under control of data which is unique to said receipt.

60. The system of claim 59 wherein said last-mentioned verifying means includes obtaining said key from said unique data.

61. The system of authenticating data on a transaction receipt, said system comprising  
means for presenting said receipt to a gatekeeper; and  
means under control of said gatekeeper for authenticating said receipt by decoding a portion of data contained on said receipt under control of a decode key contained within data unique to said receipt.

62. The system of claim 61 wherein said decode key is machine readable.

63. The system of claim 61 wherein said machine readable key is preprinted on said receipt prior to the printing thereon of said receipt data.

64. The system of claim 61 wherein said authenticating means includes:  
~~means for determining if this receipt is expected within the presentation parameters.~~

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